

## Relay connectors - ST-REL4-KG120/21-21 - 2823337

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



Relay connector, fitted with miniature switching relay, contacts (AgNi): Medium to large loads, 2 PDT, 120 V AC/DC input voltage, with light indicator, can be plugged into basic terminal blocks

The figure shows version ST-REL  
4-KG 24/21-21

**RoHS**

### Key Commercial Data

Packing unit	10 pc
GTIN	 4 017918 077358
GTIN	4017918077358

### Technical data

#### Dimensions

Width	27 mm
Height	33 mm
Depth	66.5 mm

#### Ambient conditions

Ambient temperature (operation)	-20 °C ... 50 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C

#### Coil side

Nominal input voltage $U_N$	120 V AC/DC
Input voltage range in reference to $U_N$	0.8 ... 1.06
Typical input current at $U_N$	4 mA
Typical response time	10 ms (with DC)
Typical release time	10 ms (with DC)
Protective circuit	Bridge rectifier, varistor
Operating voltage display	yes
Power dissipation for nominal condition	0.48 W

# Relay connectors - ST-REL4-KG120/21-21 - 2823337

## Technical data

### Contact side

Contact type	Single contact, 2-PDT
Type of switch contact	Single contact
Contact material	AgNi
Maximum switching voltage	250 V AC/DC
Maximum inrush current	5 A
Limiting continuous current	3 A
Interrupting rating (ohmic load) max.	70 W (at 24 V DC) 85 W (at 48 V DC) 60 W (at 60 V DC) 40 W (at 110 V DC) 60 W (at 220 V DC) 750 VA (for 250 V AC)

### General

Test voltage relay winding/relay contact	2.5 kV AC (50 Hz, 1 min.)
Test voltage PDT/PDT	1 kV AC (50 Hz, 1 min.)
Operating mode	100% operating factor
Mechanical service life	approx. $2 \times 10^7$ cycles

### Standards and Regulations

Standards/regulations	DIN VDE 0110b, Gr. C for 250 V DC
	IEC 60255/DIN VDE 0435 (in relevant parts)
	DIN EN 50178/DIN VDE 0160 (in relevant parts)
	EN 60730/DIN VDE 0631
	DIN VDE 0160 (in relevant parts)

### Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

### Approvals

#### Approvals

---

#### Approvals

#### EAC

---

#### Ex Approvals

---

## Relay connectors - ST-REL4-KG120/21-21 - 2823337

### Approvals

#### Approval details

EAC



RU C-  
DE.A\*30.B.01082

Phoenix Contact 2018 © - all rights reserved  
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG  
Flachsmarktstr. 8  
32825 Blomberg  
Germany  
Tel. +49 5235 300  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Phoenix Contact:](#)

[2823337](#)